Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Thursday 23 Dec 2021 until 23:59 on Friday 24 Dec 2021

Forecast Issued on Wednesday 22 Dec 2021 at 16:30

Confidence: High for unsettled throughout the forecast period and generally rather cloudy but lower with regard to timing of more persistent precipitation and the details of any snow.

Headline for Thursday 23 Dec 2021: Cloudy with outbreaks of occasionally heavy rain. Feeling cold in the strong winds

Mountain weather hazards on Thursday 23 Dec 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Drizzle	Drizzle	Light rain	Heavy Rain	Light rain	Light rain	Light rain
Precipitation probability							
30%	60%	60%	70%	90%	80%	60%	50%

Forecast for Thursday 23 Dec 2021

Weather: Cloudy with patchy light rain and drizzle at first, the rain becoming more persistent and occasionally heavy through the morning. During the afternoon the rain becomes more occasional and lighter again.

Chance of cloud free mountain/hill tops above 800m: Close to zero throughout

Visibility: Periods or persistent cloud above about 450-600m, perhaps occasionally nearer 750m in the north, with patches below. Below the cloud visibility rather hazy falling to just a few kilometres in drizzle and heavier rain.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Thursday 23 Dec 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	31/36 S	26/31 S	25/29 S	24/29 S	26/31 SE	30/35 S	31/37 SW	26/32 SW	22/26 W
600	23/30 S	17/23 S	18/24 S	21/27 S	21/27 SE	23/30 S	24/32 SW	21/28 SW	17/23 W
300	4/17 S	3/15 S	2/12 S	4/15 SE	5/16 SE	6/18 S	9/23 SW	8/20 SW	6/16 W
Valley	3/14 SE	3/12 SE	3/12 SE	4/14 SE	5/17 SE	7/20 S	10/24 SW	9/21 SW	6/16 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	3/-4	3/-3	3/-3	4/-2	5/-1	4/-2	4/-2	4/-3	3/-3
600	4/-2	4/-1	4/-1	5/-0	5/0	5/0	6/0	5/0	5/0
300	4/2	5/3	5/4	5/3	6/4	6/5	7/5	7/5	7/5
Valley	5/3	6/4	6/5	6/5	7/6	8/6	9/6	9/6	8/6
Freezing Level*	1900m	2000m	1900m	2100m	2400m	2200m	1800m	1500m	1500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling cold over the higher fells with gusts, especially in the afternoon, around 45mph over ridges and summits.

Forecast for Friday 24 Dec 2021

Weather: Rain and drizzle become patchier through the early hours but remaining rather cloudy with patchy rain and drizzle. Best chance of any brighter skies across southwestern fells through the morning and more northern fells in the afternoon. However more persistent rain, and above about 750m, snow is expected to edge northeast through the evening.

Maximum wind: Westerly 20-25mph backing more easterly 10mph through the morning before increasing 25-30mph, gusts around 50mph over ridges and summits, through the afternoon and evening with an increasing chill effect.

Chance of cloud free mountain/hill tops above 800m: Around 30% across the southwest in morning and more northern fells in the afternoon, otherwise little chance.

Visibility: Periods or more persistent cloud 450-600m but cloud more occasional at times above 750m across the southwest through the morning and the north in the afternoon. Otherwise visibility good falling to several kilometres in rain and a kilometre of less in summit snow later.

Temperature: **Valleys:** Plus 5 or 6 Celsius rising to plus 8 Celsius by day
At 800m: Plus 4 Celsius falling to plus 1 Celsius in evening
Freezing level: Above the summits falling to 900m in evening

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Wednesday 22 December 2021. Location: Helvellyn summit at 1313 Full report: A cold start to the day with cloud-free hills and some ice present on the paths down to low levels. The weather began to deteriorate in the afternoon with the arrival of rain. The temperature of the air above roughly 650m was noticeably warmer than that below which has been a feature of the weather for the last week. Most of the paths are snow-free or what snow is encountered can be easily avoided apart from a couple of small unavoidable patches towards the top of Striding Edge. Swirral edge can be done without setting foot on snow but this requires deliberately choosing to do so. Most of the remaining snow is generally to be found on steep north through east facing slopes above 750m where large patches and long ribbons are still present. All the snow encountered today was very hard and icy and even on moderately steep ground required the use of crampons and an ice axe to move over safely. Despite the summit temperatures being above freezing today, the remaining snow was not thawing or softening noticeably. Windchill (feels like) temperatures are still in minus figures meaning that full winter clothing (warm and waterproof), as well as hats and gloves, are all essential. A headtorch is also highly recommended in the event your outing takes longer than anticipated and you end up benighted. Temperature: Plus 1.9 C, Maximum wind speed 25.5 mph, Wind chill: minus 5.1 C, Average wind speed: 20.6 mph

Issued at: 1630 on Wed 22 Dec 2021

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